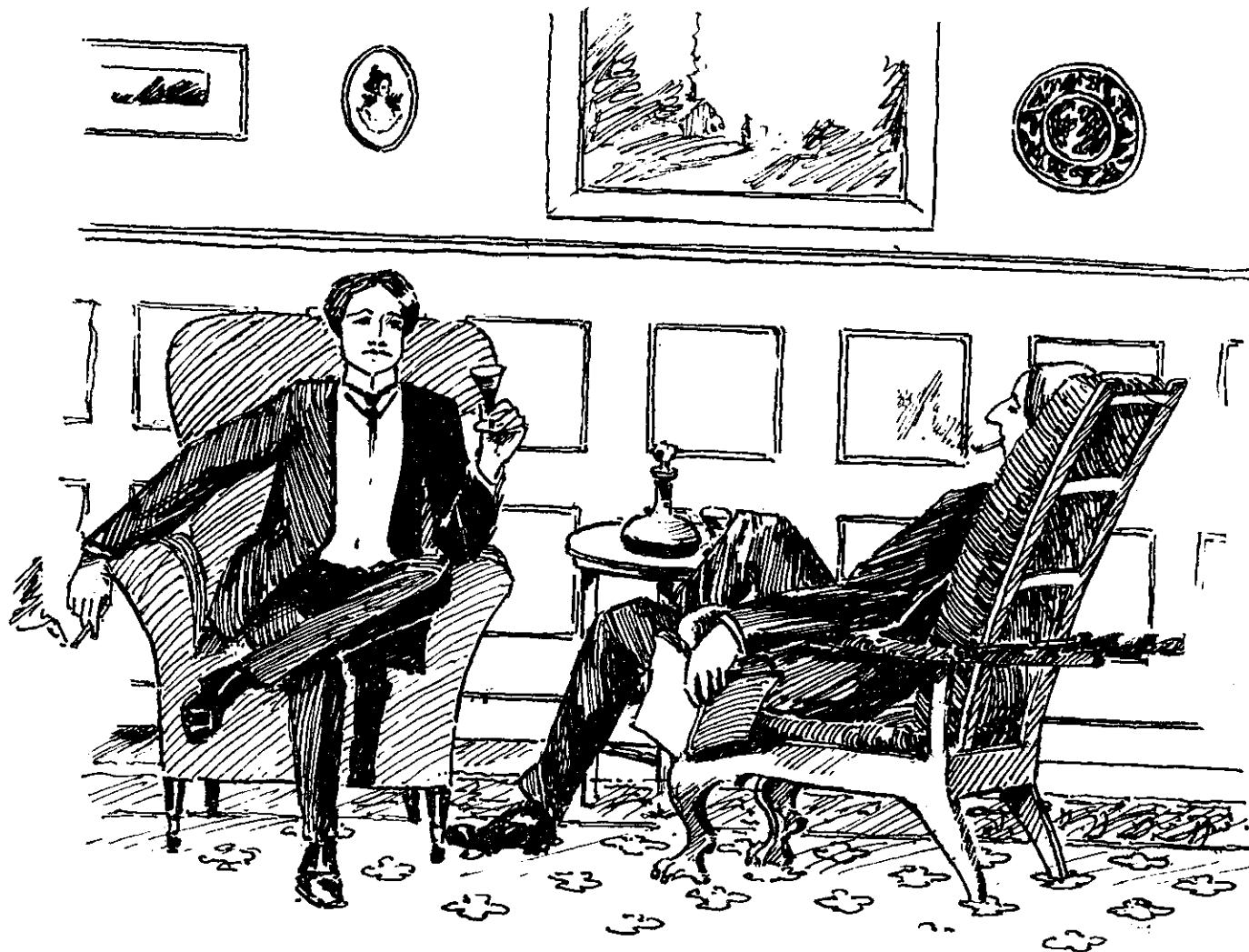


THE TECH



"I hear you made a break at the dance last night."

"Yes. There were two stunning girls there; I hustled home with one of them, and then came back after the other, and when I asked her where she lived, she said I had just taken her sister home."

VOLUME XVII.

NUMBER 5.

NOVEMBER 4, 1897.



**J. C. LITTLEFIELD,
Tailor and Outfitter,
21, 23 BEACON STREET, BOSTON.**

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order.

**GOLF BREECHES, RIDING BREECHES, AND DRESS SUITS A SPECIALTY.
DISCOUNT TO STUDENTS.**

**OAK GROVE CREAMERY COMPANY,
DAIRY LUNCH ROOM,
445 BOYLSTON STREET, COR. BERKELEY, opp. Y. M. C. A. Building.**

Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

EVERYTHING FIRST CLASS.

Pure, Fresh-churned Butter, in Quarter-pound Prints, 5 and 10 Pound Boxes. Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs. Pure, Full Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

**ALL GOODS REQUIRED BY STUDENTS AT
MACLACHLAN'S**

214 CLARENDON STREET.

Fountain Pens, Text Books.

Drawing Instruments and Materials, etc.

...GYMNASIUM...

Physical Training. Keep in Condition by using our Gymnasium.

Boston Young Men's Christian Association

Boylston and Berkeley Streets.

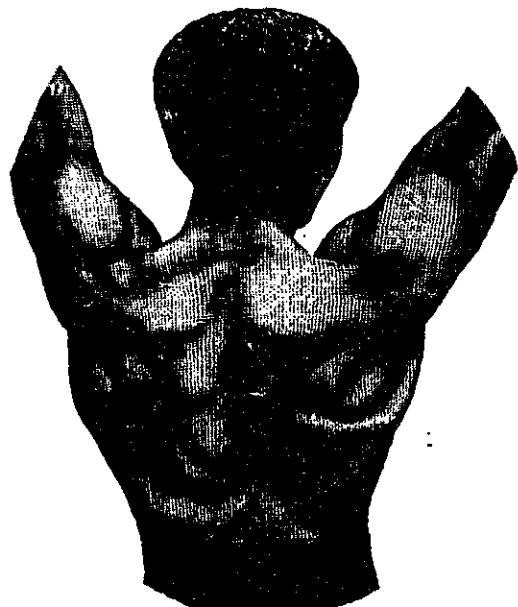
TERMS, \$10.00 PER YEAR.

Including All Other Privileges of the Association.

MEDICAL SUPERVISION.

**FINE APPARATUS; CONVENIENT LOCKERS; FREQUENT CLASSES; FREE INSTRUCTION;
NEW SHOWER, SPONGE, SPRAY, AND STEAM BATHS; RUNNING TRACK (raised cor-
ners). Open 9 A. M. to 10 P. M. MASSAGE DEPARTMENT (services reasonable).**

**R. J. ROBERTS, Director. GEO. L. MEYLAN, M.D., Medical Director.
N. E. SANDERS, A.B., Assistant Physical Director.**



The Florence Cafe,

411 Columbus Avenue,

EUROPEAN PLAN, is the only one of the kind on the Avenue, and **the best.**

Prices reasonable and everything up to date.

A. W. FISHER & CO.

FRANK L. TUPPER,
Confectioner.

ICE CREAM DELIVERED IN ANY PART OF THE CITY.

ICE CREAM AND LUNCH.CAFÉ OPEN FROM 6 P. M. TO 12 P. M.
A Fine Line of Cigars.**No. 367 Columbus Avenue, Boston.****ST. BOTOLPH HALL CAFÉ,**
38 ST. BOTOLPH STREET.

PRICES:—Regular Weekly Board . . .	\$6.00	Regular Weekly Luncheon . . .	\$1.50
" " Breakfast and		Single Meals, Breakfast40
Dinner . . .	5.00	Luncheon25
" " Breakfast . . .	2.50	Dinner50
" " Dinner . . .	3.00		

21 MEALS TICKET, \$7.00. MEALS TO BE TAKEN WHEN DESIRED.

Patrons are assured that everything served in this Café is the best of its kind in the market.

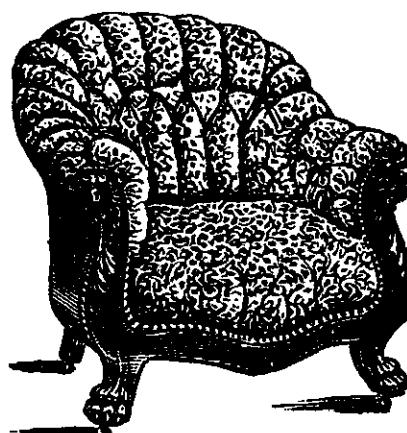
Thanking students of the Institute for their past support, I respectfully solicit a continuance of their esteemed patronage.

M. DWYER.**STUDENTS' SUPPLIES.****Blank Books, Note Books, Drawing Papers, Pens, Inks of all kinds, Fountain Pens.****PERIODICALS AND MAGAZINES.****Writing Paper and Envelopes with TECH. Monogram and Imprint Paper by the pound, at****SOUTHWELL'S,****Corner Dartmouth Street and Columbus Avenue, and 439 Boylston Street.**

Second door from Berkeley Street.

E. O. SABINE,
Ladies' and Gents' Dining Room**21 MEAL TICKETS, \$5.00.**

Nos. 202 and 204 Dartmouth Street.

EASY EASE.

It is astonishing what a half of an inch will do for an Easy Chair. It is often the difference between dullness and beauty—between ordinary comfort and luxury.

We study the decimals in easy chair frames. Every line and curve is adjusted to a nicety. We test them at all stages of the work. It is no accident

with us that a chair is ultra comfortable. It is the result of constant study and experiment.

Among the large collection of new frames is this bit of sumptuousness. On paper it looks like any other easy chair, but it is as far removed from the ordinary chair as light is from darkness. Try it and see why.

Paine Furniture Company
48 CANAL STREET.



THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON

M. I. T. CO-OPERATIVE.

THE TECH

VOL. XVII.

BOSTON, NOVEMBER 4, 1897.

NO. 5.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

JOHN MAGEE, '99, *Editor in Chief*.
MORGAN BARNEY, '90, *Assistant Editor in Chief*.
THOMAS EDDY TALLMADGE, '98, *Secretary*.
CHARLES-EDWARD AMORY WINSLOW, '98.
GERALD MARTIN RICHMOND, '99.
CLARENCE RENSHAW, '99.
PAUL RAYMOND BROOKS, '90.
SULLIVAN W. JONES, '90.

W. R. STRICKLAND, '98, *Business Manager*.
MAURICE DAVENPORT, '90, *Assistant Business Manager*.

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Frank Wood, Printer, 352 Washington Street, Boston.

Entered in Post Office, Boston, Mass., as Second Class Matter.



S yet the Freshman Class is unrepresented upon THE TECH Board, and we wish to urge upon its members the desirability of such representation. It is impossible to expect THE TECH to keep in touch with 1901, unless we have upon the Board some member of that class. The Sophomore Class also has not as yet any adequate representation on the editorial staff, and as the bulk of the work of the paper will fall upon them as Juniors, it is time that they had more men in training for it.

The Editor in Chief will be pleased to meet anyone who wishes to try for the Board, and to explain to him the class of news material desired. All contributors should write in ink on one side of the paper only, and each piece should be signed in full. Articles may be dropped in THE TECH box in Rogers corridor.



ONLY a few weeks ago, Princeton University celebrated its "Charter Day," with addresses by distinguished speakers, and the conferring of degrees, honorary and in course. By vote of the Board of Trustees, the day will hereafter be annually reserved for appropriate exercises of a similar nature.

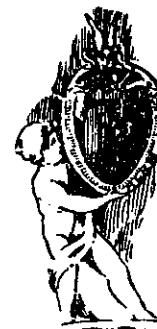
We need some such day as this at Technology. And such a day, if properly conducted, would be a more noticeable feature from the very lack of literary or academic gatherings of all kinds at the Institute. We have here no *Phi. B. K.* Society with its annual meeting and oration. We have no commencement exercises in which set addresses by distinguished public, scientific, or literary men, play an important part. We have ordinarily, from beginning to end of the year, no gathering of the whole student body together with the Faculty, nor anything comparing with such a meeting. True, we have, in common with others, the privilege of attending the Lowell Institute lectures, but they are primarily for study, rather than for the cultivation and general knowledge to be gained from a literary address by a distinguished man. Gatherings of the latter sort are entirely exceptional in Technology life, yet is not the scientific student equally alive to the importance and value of such an address? The interest with which the students gathered at the Walker Memorial exercises and listened to the scholarly address of Senator Hoar, although of an unusually personal nature, should prove that they are not wholly unappreciative

to good speaking. The interest and pleasure with which the students looked on the Faculty in Bumstead Hall, and pointed out the various members, should tend to show that some means is necessary, or at least desirable, to promote a more intimate acquaintance between professor and student. This idea of a day reserved for orations, at which the whole student body is present, is indeed most excellent, and if provided at Technology, would go, we believe, a long way toward creating that healthy love of Alma Mater unfortunately so deplorably lacking at the Institute.

 "LIFE," that piquant publication, which is as jealous of its reputation for good sense as for wit, has, in its last issue, an article on "Getting on in College." While the reasoning is based on the college life of our larger academic universities, it applies with equal force to the student life at Technology. Success in one's studies, or even in athletics, can be reasonably assured with intelligence and hard work in the one, and good health and hard work in the other; but social prominence, or better, that ability to make your fellows like you and desire your companionship; that indefinable, and often seemingly unattainable, something, called popularity, is a harder thing to acquire.

Money, talents, wit, a handsome face (all natural gifts not without value on attaining the goal), are unfortunately not meted out to all of us. *Life* says be natural, seek companions most congenial to your better tastes, be upright, refuse to sacrifice your personality, mend your manners and be careful of personal appearances.

All these things the fellow must bear in mind who wants "to get on" in college. To be liked for one's self, to be an active factor in this little, but very complete, college world, to "get on" is not an ignoble ambition.



THE attention of the Corporation is once more called to the inadequateness of the present system of shower baths at the Gymnasium. The report of the committee on Physical Training, recommends the introduction of additional showers that shall combine both hot and cold water. There are now but three baths, two hot and one cold. The piping for these is so arranged that it is impossible to regulate or modify their temperatures. Moreover, even if they could be depended upon at all times, they would be insufficient to meet the present requirements of the Gymnasium. By half-past five the supply of hot or of even warm water is exhausted, and two of the three showers become practically useless. Instead of cold water flowing in place of warm water, the supply diminishes till the water does little more than drip from overhead in most unpleasant coldness. With the winter weather approaching, this is a matter that demands immediate investigation.

Told by the Doctor.

(A TRUE STORY.)

DR. B. never partook of our hospitality without duly rewarding us with a story, usually a personal experience; and as he had spent a large part of his life in India, as surgeon in the British army, they were varied and exciting.

We had been discussing the possibility of death caused by fright, and some one had made the statement that it was all foolishness to believe that a man was ever killed in that way.

"I know better," said the doctor. "Listen to this little incident of my life in India, and then see what you think about it."

"We had just finished tiffin, and were sitting around the table trying to keep cool. We conversed in a desultory fashion, until we got started on the subject of snakes, when

young J. stated that he had been in India six months, and as yet had not seen a cobra.

"What would you do, if you suddenly became aware that a cobra was crawling across your leg?" I idly asked.

"Do? Why, I'd knock it off like a flash, and shoot it."

"You'd be a fool if you did," said old Major C., as he tipped back his chair, and thrust his arm through the open window, resting it on the sill.

"Well, then, what would *you* do?" asked J.

"Sit still till he'd crawled off, and then shoot him," said the major.

"There isn't a man living who has the nerve—"

"For God's sake don't move, major," I interrupted, in a whisper; "don't stir, don't breathe; there's one of those devils crawling up your arm."

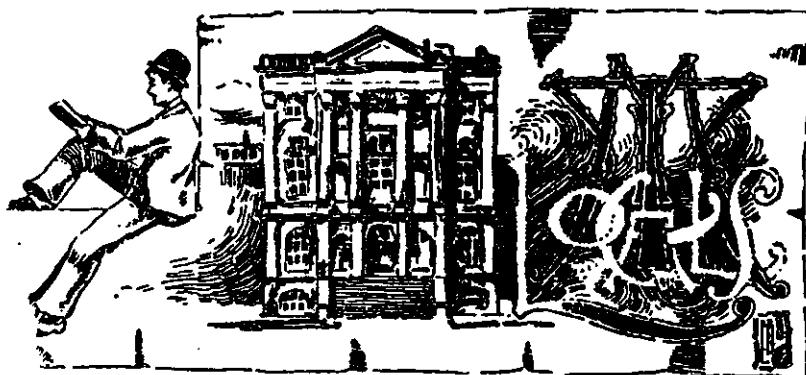
The major turned a shade paler, but sat like a statue carved from stone; not a muscle in his face moved, and he scarcely seemed to breathe. J. and I were almost as still, as we watched the devilish, beautiful thing with a sort of fascination. It seemed unaware of our presence, and glided slowly along the man's arm, over his shoulder, and across his breast, stopping from time to time, and swaying its head gracefully from side to side.

The suspense was horrible, but we could do nothing, as the slightest movement on our part meant death to our companion. At last the creature slid slowly down to the ground, and had glided half way to the door, when J. suddenly drew his revolver and fired, blowing the brute to atoms.

"You have wonderful nerves, major," I said, turing with a sigh of relief. He made no reply, but sat staring straight ahead, with fixed, glazed eyes. I touched his hand, but drew away in horror, for it was rigid.

"And that," said the doctor, "is how I know that death can be caused by fright."

H. C. W.



TO THE EDITORS OF THE TECH:—

WHEREAS, a certain paragraph in THE TECH has insinuated that there was illegal voting in the last election of the Class of 1900, be it hereby

Resolved, That it is the sense of this meeting that our present officers were fairly and honorably elected, and that the statement in THE TECH was unwarranted by fact.

C. M. LEONARD,
Secretary.

Professor Boos will meet those desiring to form a Fencing Club on Saturday at one o'clock, at the Gymnasium.

Captain Bigelow announces a Competitive Drill on November 10th, for the selection of three corporals in the battalion.

The 1900 Cane-rush Committee has consulted the Football Association in regard to using the proceeds of the rush to pay the Class debt. Nothing definite was done.

L'Avenir held a meeting last Wednesday at 4.15 in 26 Walker. M. C. H. L. N. Bernard gave a very interesting talk. Several such "causeries" will be given during the winter.

A Golf team in Course VII. would like to play an intercourse match with five men from some other course in the Institute. Communications should be addressed to Box 1, Cage.

The Glee, Banjo, and Mandolin Clubs had their pictures taken at Purdy's last Saturday. A photograph of each Club was taken separately, and then a large one of all three Clubs together.

The "Comité sur l'ordre du jour" of L'Avenir held its first regular meeting last Friday, at which the subjects for the lectures and "causeries" given by the Society during the coming year were discussed.

The draft of the Freshman constitution has been posted in Rogers corridor. Every Freshman should read it and be prepared to vote intelligently upon it, when it is brought up in the next meeting.

At the meeting of the Freshmen, held on October 21st, F. L. Clark was chosen chairman of the Cane-rush committee. He has appointed one man from each of the several sections of the class to assist in arousing interest in the Rush.

At a meeting of the Architectural Society last Wednesday, the following men were elected to membership: Stearns, '99; Jones, 1900; Sutliff, '99; McFarland, '98; Gale, '99; Cox, '98; Riddle, '99; McIntire, '98. Coombs, Ingalls, and Meade were elected for an executive committee.

One yearly subscription to THE TECH will be given each week for the best short story received and published. Condition: All manuscript presented shall become property of THE TECH. All manuscript shall be in ink, and written on one side of paper only. All stories presented should be marked "Subscription Contest." Above offer good for one month.

The second meeting of the Mechanical Engineering Society will be held on Wednesday evening, November 10th. Mr. Samuel Cabot will address the Society on the subject of "Aeronautics." All members of Courses II., X., and XIII., Classes of '98 and '99, are cordially invited to join the Society. All membership applications should be sent to Mr. S. S. Philbrick, '98. The room for this meeting will be duly announced from the Society's board in Engineering Building. The members of the Civil and Electrical Engineering Societies are cordially invited to attend.

The Class of 1900 held its first meeting under the new officers last Friday. R. P. Roberts, S. W. Jones, and W. J. Angus were elected as Cane-rush Committee. This committee was authorized to consult the Football Association, with regard to using the proceeds of the Cane rush toward paying the debt incurred through the Competitive Drill with Brown. A resolution was also passed disclaiming all fraud in the recent class election. This resolution is printed in another column at the request of the Class.

The annual meeting of the Walker Club was held in Room 44, Rogers building, Tuesday afternoon, October 26th. The following officers of the executive committee were chosen for the ensuing year: Chairman, Everett Curtis, '98; Secretary and Treasurer, D. L. Wing, '98; A. A. Holden, '99; Joseph P. Draper, 1900; Prof. John Sumner, of the Faculty. The question of giving the annual play during Junior week was considered by the meeting. Ernest Russ, '98, was elected general manager. The following committee on reading of plays was also elected: Chairman, Everett Curtis, '98; Carl F. Gauss, 1900; Mr. Pearson.

A meeting of the Association of Graduate Class Secretaries was held on Monday, the 25th, at the Technology Club. Representatives of sixteen classes were present. Few of the undergraduates realize the splendid work which the alumni, and in particular this Association of Class Secretaries, has done for Technology in the last few years. The Association is engaged in collecting all the publications of any sort issued by the graduate classes, in distributing index cards to be filled out by all past students with the statistics of their careers, and in securing gifts from the graduate classes to the Technology Club. At present they are planning for the publication of a Technology Review, a quarterly magazine for the alumni of the Institute, somewhat after the plan of the *Harvard Graduates' Magazine*.

The Mass Meeting.

A MASS meeting of the student body was held in Huntington Hall yesterday, at one o'clock, to take action in regard to the provision for an advisory council; such council to have charge of athletics at the Institute, as explained in the first number of THE TECH for the present term.

The meeting was opened by Mr. Winslow, President of the Senior Class, who introduced President Crafts. He expressed his views on the subject of athletics in general, and said that they need not interfere with the work of the Institute. Mr. F. H. Briggs, '81, the first president of the M. I. T. A. A. then followed, by telling of the care with which the proposed constitution had been drawn up.

The latter, as printed in No. 2 of THE TECH, was then read by Mr. Winslow, after which the following resolutions were adopted:—

WHEREAS, for some years there has been a growing sentiment among the students of the Massachusetts Institute of Technology that a graduate board of advisors should be appointed to supervise athletics at Technology, and,

WHEREAS, the constitution for an advisory council on general athletics, which has just been read, has been recommended by a special committee on athletics, and is admirably adapted to fill this long-felt want;

Resolved, That we, the students of the Massachusetts Institute of Technology, express our approval of this constitution, and be it

Resolved, That we request the Alumni Association, the Athletic Association, the Football Association, and the Institute Committee, to take, as soon as possible, the steps necessary to the establishment of said advisory council; and be it further

Resolved, That we thank the committee for the time and thought they have expended in drawing up said constitution.

Mr. Hutchinson, Manager of the 'Varsity Football Team, offered the following resolutions:—

WHEREAS, it is proposed to devote the proceeds of the cane-rush and Sophomore-Freshman football game to the use of the said classes, be it

Resolved, That in the opinion of the students present at this meeting, the interests of the Institute will be best served by devoting the proceeds of this game to cancelling the indebtedness of the Football Association, in accordance with a long established precedent, which were carried.

Mr. Winslow then read an announcement inviting all non-resident students to make use of the privileges of the Technology Club on Thanksgiving Day, after which the meeting adjourned amid Institute and class cheers.



The Sophomores played their first game Saturday, against the Milton Athletic Association. In the first half Milton scored a touchdown and safety on 1900. In the second half our team played a stronger game, but failed to score.

The Freshmen played their first game on Saturday last, with the Glenmores, at Lowell, winning with a score of 6-0. The backs did the best work. Smith especially put up a good game at quarter.

The Fall Handicap Meet.

THE first handicap meet of the season took place Saturday, on Irvington Oval. The weather, although pleasant, was cold and the track was in poor condition. Tech. records were in no case approached, and in some events the work fell below last year's standards. However, the meet brought out several new men who should be heard from later in the season. Some of the events were closely contested, notably the mile run which Sears won by barely two feet, the 220 in which Grant and Hall ran a dead heat, and the broad jump which went to House by an inch.

Discus throwing (scratch event).—Won by Copp, '99, 85 ft. 4 in.; Flynn, '99, 82 ft. 3 in., second; Crowell, '00, 81 ft. 6 in., third.

100-yard dash.—First heat, won by Dryer, '99 (41 yds.); Wentworth, '00 (2 yds.), second; Dater, '98 (3 yds.), third; time, 10 $\frac{4}{5}$ sec. Second heat, won by Shepard, '01 (6 yds.); House, '98 (9 yds.), second; Ingalls, '00 (9 yds.), third; time, 11 sec. Final heat, won by Dryer, '99; Shepard, '01, second; House, '98, third; time, 10 $\frac{4}{5}$ sec.

Mile run.—Won by Sears, '00 (25 yds.); Bodwell, '98 (scratch), second; Ritchie, '98 (35 yds.), third; time, 5. m. 5 sec.

220-yard dash.—Dead heat between Grant, '00 (8 yds.), and Hall, '00 (scratch); McMasters, '00 (12 yds.), third; time, 25 $\frac{3}{5}$ sec.

Run-off.—Won by Grant; time, 25 $\frac{4}{5}$ sec.

High jump.—Won by Baxter, '01 (3 in.), 5 ft. 7 $\frac{1}{4}$ in.; Putnam, '98 (scratch), 5 ft. 6 in., second; Field, '98 (4 in.), 5 ft. 3 $\frac{3}{4}$ in., third.

120-yard hurdles.—Won by Wentworth, '00 (scratch); Putnam, '98 (7 yds.), second; Ritchie, '01 (7 yds.), third; time, 18 $\frac{3}{5}$ sec.

Half-mile run.—Won by Hubbard, '98 (20 yds.); Priest, '00 (scratch), second; time, 2m. 13 $\frac{4}{5}$ sec.

Hammer throw.—Won by Field, '98 (scratch), 78 ft. 3 in.; Wentworth, '00 (5 ft.), 69 ft., second; Bailey, '99 (20 ft.), 52 ft., third.

Quarter-mile run.—Won by Dutton, '00 (13 yds.); Hubbard, '98 (15 yds.), second; Emery, '00 (12 yds.), third; time, 56 $\frac{1}{5}$ sec.

Two-mile run.—Won by Campbell, '99 (scratch); Ritchie, '98 (70 yds.), second; Pray, '99 (30 yds.), third; time, 11 m. 22 sec.

Shot' put.—Won by Kimball (scratch), 34 ft. 4 in.; Wentworth, '00 (2 ft.), 30 ft. 10 in., second.

Broad jump.—Won by House, '98 (6 ft.), 19 ft. 2 in.; Wentworth, '00 (scratch), 19 ft. 1 in., second.

Pole vault.—Won by Chapin, '98 (1 ft.), 10 ft. 2 $\frac{1}{2}$ in.; Paine, '01 (1 ft.), 10 ft. 1 in., second; Baxter, '01 (1 ft.), 9 ft. 3 $\frac{1}{2}$ in., third.

Officials.—Referee, D. Mayer; judges at finish, H. L. Morse, G. C. Winslow, Jr., W. O. Adams; starter, H. W. Jones.

Timers, John Graham, H. Boos; measurers, J. F. Wessel, H. M. Keys, F. M. Blake; announcer, C. W. Pendell; clerk of course, V. R. Lansingh; assistant clerks, J. S. McIntyre, R. Allyn, Shepp, A. W. Harrison; scorer, Sargent; field judges, W. Brewster, M. S. Richmond, W. B. Flynn.

L. P. HOLLANDER & CO.,

Makers of the

HIGHEST GRADE CLOTHING
IN THE MARKET.

SACK SUITS, of Tweeds and Homespuns, \$20, upward.

OVERCOATS, from all Fashionable Materials, \$25, upward.

DRESS SUITS, Silk Lined, \$35 to \$45.

FURNISHING GOODS. HATS AND CAPS.

10 Per Cent Discount to Members of the Co-operative Association.

202 to 212 Boylston Street, and Park Square, Boston.



'73. Can any members of Class of '73 give any information as to whereabouts of W. Dale Harris, Course I., of Ottawa, Ont.?

'83. Mr. G. R. Underwood, Course V., has a position as superintendent of the Upton Factory of the American Glue Co.

'84. Mr. H. J. Purinton, Course II., is secretary of the N. E. Engineering Co.; assistant treasurer and general manager of New London Gas & Electric Co., and superintendent of the Standard Gas & Electric Co.

'85. Miss Marcella J. O'Grady, Course IX., was married to Prof. Theoda Boveri, of the University of Würzburg, in Troy, N. Y., on October 5th. Miss O'Grady has, since her graduation from the Institute, held professor-

ships at Bryn Mawr School and Vassar College; and it was during a leave of absence in study from the latter that she met her present husband in the guise of her professor. Professor and Mrs. Boveri sailed October 7th for Würzburg, where they will reside.

'94. Mr. Charles G. Abbot, a graduate of the Physical Department, who took his Master's degree in '95, was married on Wednesday, October 13th, to Miss Moore, of Washington, D.C. Immediately after finishing his Institute course, Mr. Abbot accepted a position at the Astro-physical Observatory of the Smithsonian Institution, at Washington, and within a year was put in charge of the work of the Observatory. In his work there he is associated with Mr. F. E. Fowle, also of Course VIII.; '94.

'97. William W. Eaton, Course II., is with the Pencoyd Iron Works, Pencoyd, Pa., in the Bridge and Construction Department.

SHOES... for Young Men

New Fall Styles.
Newest Shades.
Newest Shapes.

\$4.00 UP.

Ten Per Cent Discount to Students.

**HENRY H. TUTTLE
AND COMPANY.**

Corner Washington and Winter Streets,
BOSTON.

TRINITY COURT CAFE,

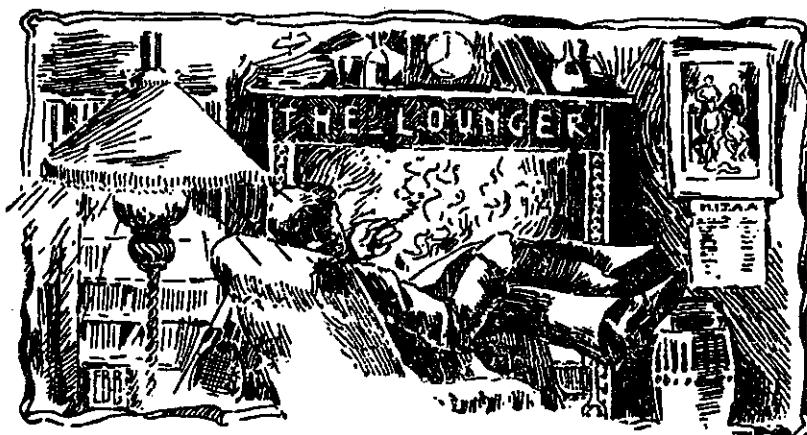
175 Dartmouth Street.

TABLE D'HOTE, BREAKFAST, LUNCH AND DINNER.
Everything First Class.

BAR CONNECTED

Choice Wines and Cigars. Liberal Discount made to Tech. Students by the week.
Give us a call.

JOSEPH LEE, Manager.



THE Lounger regrets that the observance of All Hallowe'en is not more universal among true, native-born New Englanders ; but he rejoices that there are at least a few households where the good customs of our "merrie" fatherland are preserved in their pristine purity. The Lounger's friends will be pleased to hear that in bobbing for apples last Sunday, he met with unusual success ; and when the mystic time came for seeing one's sweetheart's face in the mirror, he was fortunate enough to look over the shoulder of one of the fairest damsels who has ever found place in his capacious heart.

The Lounger feels, on the whole, rather flattered by the hubbub which his revelations of last week have excited among the members of the Sophomore Class. Nevertheless, such unsettling excitement must interfere seriously with that high standard of scholastic achievement for which the Institute is justly famous ; and now that the Lounger knows that there exists a large number of young persons with such a keen sense of honor, and such very rudimentary ideas of humor, he will try never again to be "as funny as he can."

The bearing of the Sophomores in face of what, no doubt, appeared to their honest but literal minds as an assault upon their proudest possession, a white and unsullied Class escutcheon, is worthy of all praise. As for the gallant young Orpheus with the wavy curls, who, himself a defeated candidate, waived all chances of a new election, and with noble disinterestedness offered a resolution of confidence in the newly chosen officers,—for this modern type of G. Washington and the cherry tree, Fate must hold bright gifts in store. For a position on the staff of some comic periodical he would seem peculiarly fitted.

The Lounger takes pleasure in withdrawing his suggestion that the Class officers of Nineteen Hundred should resign, and call a new election. If the Class is satisfied, that is the principal thing ; it really does not matter how they were elected. The Lounger, there-

fore, gives them full permission to retain by all means what they have got. He also promises to abstain, for the sake of all concerned, from proving his charges, as he could easily do, by producing the criminal who stuffed the ballot box. The Lounger does not know the culprit's name, but he did take careful note of his appearance. He was some six feet eight inches tall, but walked with a slight stoop, which disguised his height. He wore a Tech. pin, a dark knickerbocker suit with bicycle stockings, not mates, a pink shirt and white collar, necktie with red and green stripes, and a light, creased felt hat with a broad blue band sprinkled with white polka dots. He had a heavy mustache and false beard, and his eyebrows were thick and bushy. His expression was sinister, partly because of a black patch over his left eye. Three fingers of his right hand are missing. He carried when last seen an Italian stiletto and a large pistol stuck in his belt. But hold—the Lounger trembles lest those earnest-minded but literal young men of Nineteen Hundred should seize upon some casual classmate who happens to answer to this description and tear him limb from limb. He will proceed no further with the description.

The Lounger is sorry to hear that it has been found necessary to partition off the descript. drawing room of the Fourth-year Civil Engineers into separate cages, instead of letting them live as heretofore in a sort of happy family. It seems that the impalpable barrier between "thine" and "mine" proved insufficient to restrain the wandering eyes of Senior in exam. time. Or at least such the Powers inferred from experience, or from their own ideas of what they would do in the students' place, must be the case. All candidates entering the room for weekly tests will hereafter be searched carefully, and their cuffs and notebooks taken from them. They will then be chained, each in his own solitary cell, and put upon honor not to cheat.

A friend of the Lounger's from the domain of learning beyond the Charles emerged from the shadows of the Elm, at an advanced hour on a recent evening. His mind was not quite clear on all subjects, but he had a well-defined idea that a Cambridge car was a desirable object. When what he took for such a vehicle came tearing down the street, he therefore exclaimed, "Never saw so many electric sparks before. Hi, stop there, stop !" But the firemen apparently did not heed him and the engine thundered on down the street.

Established 1828.

CHAUNCY-HALL SCHOOL

HAS LONG MADE A

SPECIALTY OF PREPARATION FOR
TECHNOLOGY.

REFERENCE is made to the President and Secretary of the Institute in regard to the thoroughness with which Chauncy-Hall pupils are fitted, not only for entering the Institute, but also for pursuing successfully their subsequent work. Preparation also for business and for college.

Regular Grammar and High-School
Courses, fitting for Business
and for College.

458 Boylston Street, - - Boston, Mass.

(OPPOSITE THE INSTITUTE)

TAYLOR, De MERITTE & HAGAR,
PRINCIPALS.

FOR TECH. STUDENTS

**Fall and Winter
Shoes,**

\$4.00, \$5.00, and \$6.00 per pair,

Members Co-operative Society.

10 per cent off to Tech. Students.

Thayer, McNeil & Hodgkins

47 Temple Place, Boston.

If You Draw,

PURCHASE YOUR . . .

Drafting Instruments,
Drawing and Blue Process Papers,
Scales, Triangles, Curves,
T Squares, Colors, etc.,

FROM THE MANUFACTURERS.

Wadsworth, Howland & Co.,

INCORPORATED,

218 CLARENDON STREET.

Main Office: 82 & 84 Washington St., Boston.

Factories: Malden, Mass.

SPECIAL RATES TO STUDENTS.

HAVE YOUR

Trousers or Suit

Pressed by

TURNER,

268 Boylston Street, Boston.

FINE TAILORING.

Clothing Cleansed, Repaired, and Pressed in a Thorough Manner at Low Prices to Students.

ALBERT BENARI,
Tobacconist,
33 TREMONT STREET, BOSTON, MASS.
 Agent for the Bohemian Mixture.
 FINE LINE OF FRENCH BRIAR PIPES ALWAYS
 ON HAND.

WRIGHT & DITSON,
New England's Leading Athletic Outfitters,
 Offer every requisite in FOOTBALL SUPPLIES, UNIFORMS, SHOES, PROTECTORS, SWEATERS, ETC.
 Managers should write for samples and special rates before purchasing.

THE SPALDING OFFICIAL FOOTBALL.

Adopted by Harvard, Yale, Princeton, Pennsylvania, Cornell, and all other leading universities. Each ball tested and packed, and sealed in separate box with brass inflator. Price, \$5.00. Spalding's Official Football Guide for 1897. Edited by WALTER CAMP. Postpaid, 10 cts.

GYMNASIUM SUITS AND EQUIPMENTS.

Catalogue of Fall and Winter Sports free.

WRIGHT & DITSON,
 344 Washington Street, BOSTON, MASS.

Priest's
DINING ROOMS.

No. 102 Dartmouth Street.

• PRICES •

Full Ticket, 21 Meals	\$4.00
Breakfast and Dinner, 14 Meals	3.00
Breakfast, 7 Meals	1.50
Mid-day Dinner, 7 Meals	1.20
Dinner, 7 Meals	1.75

THE BRUNSWICK
BOSTON.

Boylston and Clarendon Streets,
 (Adjoining Copley Square)

Near the Museum of Fine Arts,
 New Public Library, New Old
 South Church, and opposite
 Trinity (Phillips Brooks')
 Church, and Institute
 of Technology.

**KEPT ON BOTH AMERICAN AND
 EUROPEAN PLANS.**

BARNES & DUNKLEE, Proprietors
 H. H. BARNES, Manager.

New Tech Pin.

HENRY GUILD & SON

Have the best Tech Pin yet for 75 cents; also a combination of gold and silver for \$1.00, and Solid Gold at \$3.00. For sale at the Institute and

433 Washington St., Boston.

First Class Laundry Work, Shirts, 8 and 10c. Collars and Cuffs, 1c.

Popular Styles and Prices in Neckwear, Collars and Cuffs, White and Fancy Shirts, Hosiery, Underwear, etc.

Castle Square Men's Outfitter,
 465 Tremont St., opp. Compton, Boston, Mass.

CLASS-DAY INVITATIONS,

BLANK BOOKS, FOUNTAIN PENS,

CAN BE FOUND AT THE CO-OPERATIVE STORE,

H. H. CARTER & CO., 5 Somerset St., near Beacon.

STUDENTS

Are cordially invited to inspect our work, which is a model of neatness, and artistically done. None but competent men employed.

Your patronage is respectfully solicited.

ERNEST M. ALEXANDER,
 Copley Square Hotel.

Hair Dressing Parlor,

Cor. Exeter Street and Huntington Ave.



Scientific Books

DAMRELL & UPHAM,
The Old Corner Bookstore,
283 Washington St., Boston.

CAREY, TEACHER OF DANCING,

212 BOYLSTON STREET, HOLLANDER BUILDING.

Most convenient location in the city. Classes
for Beginners and Advanced Pupils.

PRIVATE LESSONS.

Bookbinding

IN EVERY STYLE

ALEX. MOORE, 3 School Street, BOSTON.



Week beginning November 8, 1897.

Castle Square Theatre.—The popularity of the Castle Square Stock Company greatly increases with every new performance. This week they will present a great production of the favorite melodrama, "Captain Swift."

Tremont Theatre.—Minnie Maddern Fiske and her company will begin the second week of their engagement in Mrs. Fiske's new play, "Tess

of the D'Urbervilles." The play is from Hardy's novel, and is remarkably fine.

Hollis Street Theatre.—Charles Frohman's Empire Theatre Stock Company will present the brilliant romance, "Under the Red Robe," adapted from Stanley Weyman's book. The same cast, including Viola Allen and Favisham, will give the play here in Boston.

Boston Museum.—"Never Again" is one of Charles Frohman's most successful, most laughable, and best-played comedies which it has been Boston's luck to see. The cast includes a great many well-known names.

Park Theatre.—The latest London novelty and New York success, "The Girl from Paris," will begin the fifth week of its engagement at the Park. It is unusually bright, and is full of spirit and dash.

Boston Theatre.—"A Ward of France" is a beautiful and romantic drama by Fyles and Presbrey. It will be played by J. E. Whiting, Barrymore, and others.

Miss Post's School

... FOR ...

INSTRUCTION IN DANCING

At Pierce Hall, Copley Square, will
Reopen in October.

PRIVATE LESSONS A SPECIALTY.

Prospectus forwarded upon application.
Office Hours: 9 till 11, daily.

Good Form

Is required in Wedding and Visiting Cards.
See our styles.

CARD PLATE AND 50 VISITING CARDS, \$1.50

SAMUEL WARD COMPANY,

49 Franklin Street, Boston.

SIX FLOORS OF STATIONERY.

THE Union Gymnasium

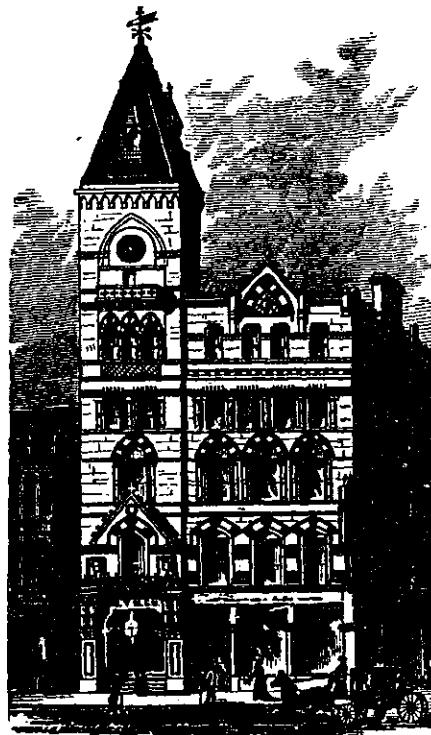
48 BOYLSTON ST. (near Tremont).

PRACTICAL.

Complete
Modern
Apparatus.

Popular
Classes.

Terms,
\$5 and \$8
per Year.



POPULAR.

Extra
Large
Lockers.

Competent
Instructors.

No Extra
Charge
for Instruction

BOSTON YOUNG MEN'S CHRISTIAN UNION.

W.M. H. BALDWIN, Pres.

GEORGE PEIRCE, Sec'y.

HIBBARD & MASON

(INCORPORATED)

Tailors,

MUSIC HALL PLACE,

Telephone 579.

Off WINTER STREET.

BOSTON.

DRESS SUITS, SILK LINED, TO ORDER, \$45

Dress Suits to Let.

M. I. T. UNIFORMS TO ORDER, \$12.00,

QUALITY AND FIT GUARANTEED.

Fall and Winter Stock Now Ready. & Everything New and Stylish for Young Men.

The Single-breasted Sack Coat, with Double-breasted Vest, will be very
fashionable this Season.

The Short Top Coat, some with Strap Seams and Patch Pockets, will be
the Correct Overgarment.

NO ADVANCE IN PRICE ON ACCOUNT OF THE NEW TARIFF.

NEW STYLES MEN'S SUITS, 15 Styles, New Colors and Patterns, \$10.00, Elsewhere, \$15.00.

Beautiful Suits at \$15.00, \$20.00, and \$25.00.
Equal to the Best Custom Make.

Best Values in Boston. Prove the truth of this statement by examining them for yourself. Don't forget our location in the Wholesale District,

Nos. 67 and 69 SUMMER STREET,

One minute's walk from Washington Street, Sign of Illuminated Clock.

Spitz Bros. & Mork, Manufacturers, Wholesalers and Retailers



The Richmond Straight Cut No. 1 Cigarettes.

Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

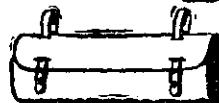
These **Cigarettes** are made from the brightest, most delicately flavored, and highest cost **Gold Leaf** grown in Virginia. This is the **Old and Original Brand of Straight Cut Cigarettes**, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

ALLEN & GINTER
THE AMERICAN TOBACCO CO., SUCCESSOR,
Manufacturer.

RICHMOND, VIRGINIA

FOR THE
BICYCLE.



**DON'T RIDE WITHOUT
A REPAIR KIT.** FOR YOU.



POND'S EXTRACT is unequalled for quickly healing all kinds of WOUNDS, BRUISES, LAMENESS or RHEUMATISM.

Rub thoroughly with POND'S EXTRACT after every ride to keep the muscles supple, pliant, strong. Try POND'S EXTRACT OINTMENT for PILES.

AVOID SUBSTITUTES — Weak, Watery, Worthless.

POND'S EXTRACT CO., 76 Fifth Ave., New York.

50 YEARS'
EXPERIENCE.



TRADE MARKS,
DESIGNS,
COPYRIGHTS &c.
Any one sending a sketch and description may quickly ascertain, free, whether an invention is probably patentable. Communications strictly confidential. Oldest agency for securing patents in America. We have a Washington office. Patents taken through Munn & Co. receive special notice in the

SCIENTIFIC AMERICAN,
beautifully illustrated, largest circulation of any scientific journal, weekly, terms \$3.00 a year; \$1.50 six months. Specimen copies and HAND BOOK ON PATENTS sent free. Address

MUNN & CO.,
361 Broadway, New York.

Frank Wood,
Printer,
352 Washington St.,
Boston.

President,
T. E. TALLMADGE, '98.

Vice Pres. and Bus. Mangr.,
G. C. WINSLOW, '99.

M. I. T. CO-OPERATIVE SOCIETY.

Managed by students of M. I. T.

Proceeds devoted to scholarships.

The Co-operative Supply Rooms

Handle a full line of Drawing Materials and Text-Books at low prices.

A CO-OPERATIVE SOCIETY MEMBERSHIP TICKET entitles the owner to discounts on goods bought from any of the tradesmen in the Society's Handbook.

Established 1843.

Incorporated 1895.

"STUDENTS," ATTENTION!

LARGEST STOCK AND LOWEST PRICES

... ON ...

MATHEMATICAL INSTRUMENTS
AND DRAWING MATERIALS OF ALL KINDS. PICTURE FRAMING A SPECIALTY.

FROST & ADAMS COMPANY,

IMPORTERS AND WHOLESALE DEALERS,

37 CORNHILL. - - - - - BOSTON.

"SPECIAL RATES TO COLLEGES."

NEW ILLUSTRATED CATALOGUE FREE.

CLUBROOMS.

252, 254 Boylston St.,

OPPOSITE SUBWAY ENTRANCE.

Steam Heat. Excellent Light.

Apply to

WHITCOMB, WEAD & CO.,
Devonshire Building - 16 State Street.

ARCHITECTURAL PHOTOGRAPHS,

The Largest Collection in America.

All the best Public Buildings, Churches, Private Houses, and Business Blocks in Boston and New York. Richardson's Works of Importance from all over New England. Also a complete line of

Art Photographs for Room Decoration.

STUDENTS WELCOME TO EXAMINE, WHETHER DESIRING TO PURCHASE OR NOT.

SOULE PHOTOGRAPH CO., Publishers,
338 Washington Street, Boston.

Elmer Chickering,

The Leading Photographer.

SPECIAL RATES TO STUDENTS.

ESTABLISHED 1889.

A. H. MATZ & CO.,
Merchant Tailors,

431 Columbus Ave., Next to Plaza Hotel.

We show a fine line of the best New York and London Specialties, in Suitings, Overcoatings, Bicycle Costumes, etc.

Special Discount
to Students,

many of whom we count among our customers.
All work done on the premises.

Cleansing, Pressing, and Repairing
Neatly Done.

OPEN EVENINGS.

THERE is not a photographer in New England who has been more successful than Elmer Chickering, of No. 21 West Street, and people who desire to have first-class photographs taken, of themselves, or of their friends, should go to this gallery. His success in the business is wonderful. His pictures are admitted to be exact reproductions of the subject, and are remarkable for their clearness and fidelity in detail. Among his patrons are the leading citizens of the United States, including presidents, governors, mayors, and others prominent in official lines, the highest military officers, the most prominent opera singers, the leading actors and actresses. Far and near his pictures are known. In Europe as well as America they are highly admired. Mr. Chickering is a host in himself, but with good judgment he has surrounded himself with a corps of operators and assistants in his operating rooms who have no superiors, while in his office is to be found young lady attendants who thoroughly understand how to please patrons, and by their uniform courtesy add much to the popularity of "Chickering's Studio."

